

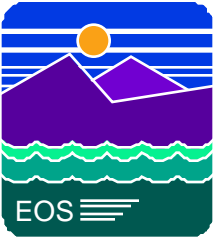


MCST



Level 1B

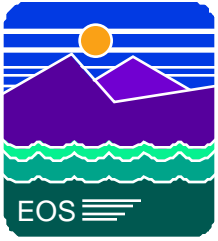
Applying V1 Lessons Learned to V2



V1 Lessons Learned



- Review the requirements periodically.
- Have all personnel review coding standards, and agree to code to these standards.
- Identify conflicts between requirements, delivery procedures and management plan. Identify a drop dead date for resolution and finalization. Get acknowledgment in writing.
- Obtain written agreement as to changes and a schedule for those changes to the delivery and test environment.
- Get a better understanding of ECS required metadata.
- Remember that the metadata writing tool writes not only to the HDF file, but also to the PCF file.



Lessons Learned



- SDST incorporates lessons learned by improving their code acceptance process and code walk through procedures.

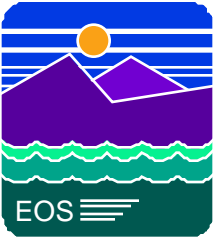


MODIS

Quality Metrics Program



- Software Assurance Technology Center (SATC) at GSFC
 - Presentation October 2, 1996
 - Beta Version data analysis nearly complete
 - MCST requests L1B V1 code be analyzed ASAP for use in V2 development



MODIS Metrics Analysis



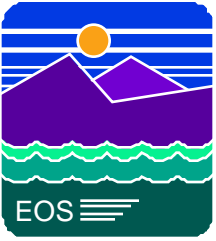
- Looks at ways to improve S/W product quality
 - complexity, size, calling patterns
 - outliers for code analysis
 - level of commenting
 - unused code



Request for Additional Helpful Information



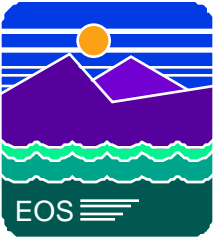
- Report from code standards checker
- Reports from other checking tools
- List of changes made by SDST during the acceptance process, before their delivery to CM
- Problem reports from integration into the DAAC



L1B Issues



- PFM test schedule
 - makes L1B V2.1 an essential delivery
 - threatens October 1997 delivery of V2.1
- V2 Product Spec
 - Draft available end of October
 - Freeze date
 - Split Reflective and Emissive data into separate files?



L1B Issues



- Define migration path from L1B Algorithm Research Products to Special Products to Standard Products
- Flesh out list of proposed Special Products and provide for ST review



New Information on L1B Uncertainties



- L1B product will provide MCST's best understanding of the uncertainties associated with the L1B data, but this information may not be validated for some time period after launch.
- It is critical that the users be aware of this and use the validation flags in deciding how to use the L1B data.